2889

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2889	036	11 19 75	27AC	3625	7536

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0012	16	16	18	037	Y	00	00

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	E	FT	070	—	16	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00694	0003	—	00157

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 25'	75° 36'	1772	3018	12		1602	1603
							PU	ON
FINISH	36°24'	75° 37'	1752	3018	11		1633	1636

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200 2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Calm

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Thomas 76 62 66 15 220

R/V DAN MOORE SPECIES LIST

STA. NO. 2865 DATE Nov 19 1975 BIOLOGISTS BFHSGKJV

43 47 TOT. CATCH WT. 854 AIR 18.0 SURFACE 16.2 BOTTOM 16.2

SAMPLE WT. 90 RAISING FACTOR 12

F 694 C 3 S 0157 321

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Paralichthys lethostigma		180	220	220	1.25	total
Urophycis regia		1	1/4	.3	.25	
S Stenotomus aculeatus		2	1/4	.3	.13	
Spheroides maculatus		1	1/4	.3	.25	
Prionotus evolans						
Menticirrhus saxatilis		1	1/4	.3	.25	
Centropristis striata		1	2	2.0	2.0	
Peprilus triacanthus		2	1/8	.15	.06	
Paralichthys oblongus		1	1 oz	.075	.06	
Pomatomus saltatrix		1	1/2	.618	.5	
Prionotus carolinus		1	1/8	.075	.13	
Leiostomus xanthurus		1	30?	2.25	.19	
Echeneis naucrates		1	trace		trace	
C Callinectes sapidus		1	1/4	.3	.25	
O Limulus polyphemus		3	1	.132	3.7	
O Loligo pealei	NC	12	1/2	.075	.01	
Raja eglanteria		1	1/4	.168	2	
Mustelus canis		27	189	189	7	total
Carcharhinus plumbeus		5	30	30	6	total
Squatina dumeril		3	40	40	13.3	total
O surf clams (whole)			18	18		

R.F. = 2.93 Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
									2889	
1	390	♀						V, VI	2889	Area I
2	418	♀								
3	328	♂								running
4	568	♀						V		running ripe
5	325	♂								running ripe
6	365	♂								R
7	328	♂								R
8	485	♀						IV		
9	510	♀						VI		
10	395	♂								
11	319	♂								R
12	380	♂								R
13	327	♂								R
14	334	♂								R
15	375	♂								R
16	463	♀						V		
17	415	♀						VI		
18	335	♂								R
19	384	♂								R
20	376	♂								R
21	275	♂								R
22	340	♂								R
23	326	♂								R
24	451	♀						VI		recently
25	400	♂								R
26	377	♂								R
27	235	♂						I		
28	555	♀						VI		recent (preserved)
29	356	♂								R
30	524	♀						V		Running ripe (preserved)
31	480	♀						V		running ripe (P)
32	542	♀						VI		spent recent (P)
33	336	♂								R
34	404	♂								R
35	543	♀						VI		Preserved
36	470	♀						IV		Preserved
37	355	♂								R
38	502	♀						V		
39	640	♀						V		7 1/4 (lb)
40	258	♂								R
1	318	♂								R
2	352	♂								R
3	320	♂								R
4	246	?						I		
5	400	♂								R.
6	286	♀						I		
7	247	♂								
8	331	♂								R
9	467	♀						V		
50	504	♀						V		Running ripe (P)

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Species: P. Dentatus Page 2 of 2 116

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-sample	Age	Gonad Stage	Station Number	Remarks
51	321	♂							2889	R Area I
52	310	♂								R
53	285	♂								
54	295	♀						I		
55	575	♀						V		
56	362	♂								R
57	260	♀						I		
58	356	♂								R
59	409	♀						V		
60	378	♂								R
61	246	♂								

24 ♀
37 ♂
61

total flounder
116
60
170

Length-frequency distribution

Species: P. dentatus

Station: 2889

Date:

Locality: Area I

T.L.	♂	♀	
100 - 109.9			
110 -			
120 -			
130 -			
140 -			
150 -			
160 -			
170 -			
180 -			
190 -			Total
200 -			
210 -	R.F. = 2.93		
220 -			
230 -	| (1) (3)	R.F. = 2.93	(3)
240 -	|| (2) (6)	| (3) 31	(9)
250 -	| (1) (3)		(3)
260 -		| (3)	(3)
270 -	| (1) (3)		(3)
280 -	| (1) (3)	| (3)	(6)
290 -		| (3)	(3)
300 -			
310 -	||| (3) (9)		(9)
320 -	~~||||~~ | (6) (18)		(18)
330 -	|||| (4) (12)		(12)
340 -	| (1) (3)		(3)
350 -	|||| (4) (12)		(12)
360 -	|| (2) (6)		(6)
370 -	|||| (4) (12)		(12)
380 -	|| (2) (6)		(6)
390 -	| (1) (3)	| (3)	(6)
400 -	||| (3) (9)	| (3)	(12)
410 -		|| (6)	(6)
420 -	36		
430 -	108		
440 -			
450 -		| (3)	(3)
460 -		|| (6)	(6)
470 -		| (3)	(3)
480 -		|| (6)	(6)
490 -			
500 -		|| (6)	(6)
510 -		| (3)	(3)
520 -		| (3)	(3)
530 -			
540 -		| (3)	(3)
550 -		| (3)	(3)
560 -		| (3)	(3)
570 -		| (3)	(3)
580 -			
590 -		| (3) 31	(3)

T.L.	♂	♀
600 -		
610 -		
620 -		
630 -		
640 -		1 (3)
650 -		
660 -		
670 -		
680 -		
690 -		
700 -		
710 -		
720 -		
730 -		
740 -		
750 -		

Total (3) / 180

12

RANGE ♂ 235 - 404

♀ 246 - 640

Sheet ___ of ___

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